

INDEX

VOLUME LXXXVIII

1948

A

Acetic Acid as bee repellent—585
Achor, W. D. (death notice)—30
Acid boards—414
Agricultural chemicals, relation to bee-keeping—129
Alfalfa, bees needed for—547
American Bee Breeders' Association—30, 184, 195, 447, 539
American foulbrood, antibiotic from—406
sulfathiazole treatment of—16, 18, 32, 70, 446, 503, 534
American Honey Institute—37, 69, 85, 141, 199, 255, 311, 365, 419, 462, 506, 548, 598
Anise hyssop—362
Antibiotic from AFB—406
Ants, chlordane for—536, 584
control of—533
Apiary, location of—358
Arsenicals in relation to bee losses—414
Artificial insemination of queen bees—190, 246, 248, 412, 595
Ash, wafer—495
Australian beekeeping—346, 590

B

Baker, honey for—454
B-Z-B Radio Advertising—593
Baldensperger, Philip J.—(death notice), 405
Baldridge, Charles J. (death notice)—83
Beauty hint—243
Bee bonnet—494
breeders, proposed organization of—30
goal for 1948—126
hives, ventilation of—128
rock, California—136
stings, willy-nilly—350
Beekeeper, are you a good—351
life of—453
worth of—407
Beekeeping as a profession—80
beginning—78, 537
changing conditions in—72
commercial—538
education—500
first year—356
for the hobbyist—458
importance of large colonies in—406
in Australia—346, 590
in California—139
in Cherokee Forest—402
in Martinique—293
in Puerto Rico—128
in Rhode Island—461
in Scotland—185
industry status of—295
laws affecting—31
migratory—68, 492
near cotton fields dusted with DDT, bulletin—195
organization—408, 501
picture story of—26
relation of chemicals to—129
school, Costa Rican—456
scientific—587
short cuts in—452
two-queen system for—243
winter work—69
Bees, breeding of—25, 31
damage to by people—293
declared a necessity—549
drifting of—403
effect of sodium fluoride on—138
enemies of—403, 545
increase clover seed production—304
losses as related to arsenical dusting—414
needed for alfalfa—547
package—see Package bees
picture story of—26
pollen gathering of—503
stingless—414
swarming of—245
wild Indian—249
wintering of—502, 540
workers, mating—305
Beeswax production 1947—193
Beginner, first year with bees—356
looks in—78, 537
Bergstu, Alfred, letter from—360
Biefield, Walter R.—447
Birds-foot trefoil—189, 588
Books, see reviews of books
Bottling honey, small outfit for—236
Bottom board, preservation of—406

Breeders, bee, American association—30, 184, 195, 447, 539
Breeding of Bees—25, 31
British beekeeper, George V. Hamilton—134
Brood rearing in relation to honey production—74
Buckwheat, more to be planted—126

C

California, beekeeping in, bulletin—139
Candy for winter feeding—77
Catmints for waste lands—398
Childers, L. P.—32, 534
Chinese scholar tree—411
Chlordane for ants—536, 584
Clover, Pellett—20
red, pollination of—71
seed production increased by bees—304
Colonies, number in Texas—455
number in U. S. A.—448
Colony, big, compared with nucleus—127
relation of queen to—349
Comb foundation, embedding wires in—83, 294, 356
Combs, protecting extra—492
Commercial beekeeping—538
Conservation, legumes for—498
Crop and Market Report—39, 93, 149, 205, 261, 317, 375, 427, 469, 513, 559, 612

D

Dadant, C. P., and the large hive—244
and the rise of extracted honey—300
tenth anniversary of death of—76
Dance, grooming, of bees—503
DDT for spraying—28, 195
Demaree swarm control plan, modification of—241
Diehnelt, Walter, and Honey Acres—582
Dragonhead from Turkestan—452
Drifting of bees—403
Drying and storing pollen—124
Durham honey show—359

E

Editorials—14, 66, 122, 178, 234, 290, 344, 396, 444, 488, 532, 578
Enemies of bees—403, 545
Equipment for the beginner—78
marking of—414
Extracted honey, the rise of—300
Extracting plant, fire prevention for—401
shallow frame—360
small outfit for—236

F

Farrar, C. L., disciple of—544
Feeding, candy for—77
experimental, of sulfa—503
pollen substitute in North—242
sugar tax refund—193
Fire prevention for the honey house—401
Foster, Robert E.—296
Foundation, embedding wires in—83, 294, 356
Frames held by super springs—537
wiring of—81
France, Mrs. N. E., celebrates 90 years—585
Fruit trees, pollination of—19

G

Gessner, F. O. (death notice)—356
Gill, Arthur (death notice)—357
Grading of honey, Wisconsin—493
Grooming dance of bees—503

H

Hamilton, George V., British beekeeper—134
Harpel, Walter J.—126
Haseman, Dr. Leonard—32
Herbicide problem—186, 494
Hive, British Jumbo, bulletin—297
Dadant—244

Hive heating, system for—126
Hive stand—77, 492
Hobbyist beekeeping—458
Hodson, Gerald L.—413
Holzberlein, John W., Jr.—544
Homersham, Arthur S. (death notice)—237
Honey and Pollen Plants Committee, National Federation—33, 306
Honey advertising—450, 451, 457
beauty hint—243
children taste for first time—355
crystals, stalagmite cone of—136
farms, Texas—412
for the baker—454
gift to Princess Elizabeth—361
grading, Wisconsin standards for—493
labels—495
liquefying of—407
marketing, Washington conference on—546
plant test garden—132
price control in Great Britain—82
publicity—15, 25
selling of—460, 542
show, Durham—359
slogan for—540
small extracting unit—236
stabilized prices for—293
tips in handling—301
tupelo—81
USDA purchases of—404
who sets the price of—352
Honey crop, Canadian—355
dividend for bees—410
failure—597
totals—597
Honey plants, alfalfa—547
anise hyssop—362
bird's-foot trefoil—189
buckwheat—126
catmints—398
Chinese scholar tree—411
dragonhead—452
hairy vetch—292
Pellett clover—20
purple thistle—490
red clover—71
wafer ash—495
Honey plants for waste lands—398
for wet lands—415
nectar secretion and seed production of—239
of eastern Missouri—497
Honey production 1947—31, 193
in Louisiana—74
in Texas—135
Honeybee Monthly, Japanese publication—490
Honeymoon—539
Hyssop, anise—362

I

Insecticide, airplane dusting of 2, 4-D
banned—412
losses, recovery from—490
problem—186
relation to beekeeping—129
Instrumental insemination—190, 246, 248, 412, 595
Iowa Apiarist Report—505

J

Joor, Wm. E. (death notice)—128

K

Kendle, W. H. (death notice)—611
Kinard, W. P.—492
Knowlton, George F.—545
Koehler, F. E.—(death notice), 585

L

Lane, Elton L. (death notice)—69
Langstroth memorial meeting—183, 309, 370, 550
stamp for—611
Latham, Mrs. Allen—(death notice), 596
Lathrop, Harry (death notice)—355
Laws affecting beekeeping—31
Kentucky—307

INDEX

VOLUME LXXXVIII

1948

A

Acetic Acid as bee repellent—585
Achor, W. D. (death notice)—30
Acid boards—414
Agricultural chemicals, relation to bee-keeping—129
Alfalfa, bees needed for—547
American Bee Breeders' Association—30, 184, 195, 447, 539
American foulbrood, antibiotic from—406
sulfathiazole treatment of—16, 18, 32, 70, 446, 503, 534
American Honey Institute—37, 69, 85, 141, 199, 255, 311, 365, 419, 462, 506, 548, 598
Anise hyssop—362
Antibiotic from AFB—406
Ants, chlordane for—536, 584
control of—533
Apiary, location of—358
Arsenicals in relation to bee losses—414
Artificial insemination of queen bees—190, 246, 248, 412, 595
Ash, wafer—495
Australian beekeeping—346, 590

B

Baker, honey for—454
B-Z-B Radio Advertising—593
Baldensperger, Philip J.—(death notice), 405
Baldridge, Charles J. (death notice)—83
Beauty hint—243
Bee bonnet—494
breeders, proposed organization of—30
goal for 1948—126
hives, ventilation of—128
rock, California—136
stings, willy-nilly—350
Beekeeper, are you a good—351
life of—453
worth of—407
Beekeeping as a profession—80
beginning—78, 537
changing conditions in—72
commercial—538
education—500
first year—356
for the hobbyist—458
importance of large colonies in—406
in Australia—346, 590
in California—139
in Cherokee Forest—402
in Martinique—293
in Puerto Rico—128
in Rhode Island—461
in Scotland—185
industry status of—295
laws affecting—31
migratory—68, 492
near cotton fields dusted with DDT, bulletin—195
organization—408, 501
picture story of—26
relation of chemicals to—129
school, Costa Rican—456
scientific—587
short cuts in—452
two-queen system for—243
winter work—69
Bees, breeding of—25, 31
damage to by people—293
declared a necessity—549
drifting of—403
effect of sodium fluoride on—138
enemies of—403, 545
increase clover seed production—304
losses as related to arsenical dusting—414
needed for alfalfa—547
package—see Package bees
picture story of—26
pollen gathering of—503
stingless—414
swarming of—245
wild Indian—249
wintering of—502, 540
workers, mating—305
Beeswax production 1947—193
Beginner, first year with bees—356
looks in—78, 537
Bergstu, Alfred, letter from—360
Biefield, Walter R.—447
Birds-foot trefoil—189, 588
Books, see reviews of books
Bottling honey, small outfit for—236
Bottom board, preservation of—406

Breeders, bee, American association—30, 184, 195, 447, 539
Breeding of Bees—25, 31
British beekeeper, George V. Hamilton—134
Brood rearing in relation to honey production—74
Buckwheat, more to be planted—126

C

California, beekeeping in, bulletin—139
Candy for winter feeding—77
Catmints for waste lands—398
Childers, L. P.—32, 534
Chinese scholar tree—411
Chlordane for ants—536, 584
Clover, Pellett—20
red, pollination of—71
seed production increased by bees—304
Colonies, number in Texas—455
number in U. S. A.—448
Colony, big, compared with nucleus—127
relation of queen to—349
Comb foundation, embedding wires in—83, 294, 356
Combs, protecting extra—492
Commercial beekeeping—538
Conservation, legumes for—498
Crop and Market Report—39, 93, 149, 205, 261, 317, 375, 427, 469, 513, 559, 612

D

Dadant, C. P., and the large hive—244
and the rise of extracted honey—300
tenth anniversary of death of—76
Dance, grooming, of bees—503
DDT for spraying—28, 195
Demaree swarm control plan, modification of—241
Diehnelt, Walter, and Honey Acres—582
Dragonhead from Turkestan—452
Drifting of bees—403
Drying and storing pollen—124
Durham honey show—359

E

Editorials—14, 66, 122, 178, 234, 290, 344, 396, 444, 488, 532, 578
Enemies of bees—403, 545
Equipment for the beginner—78
marking of—414
Extracted honey, the rise of—300
Extracting plant, fire prevention for—401
shallow frame—360
small outfit for—236

F

Farrar, C. L., disciple of—544
Feeding, candy for—77
experimental, of sulfa—503
pollen substitute in North—242
sugar tax refund—193
Fire prevention for the honey house—401
Foster, Robert E.—296
Foundation, embedding wires in—83, 294, 356
Frames held by super springs—537
wiring of—81
France, Mrs. N. E., celebrates 90 years—585
Fruit trees, pollination of—19

G

Gessner, F. O. (death notice)—356
Gill, Arthur (death notice)—357
Grading of honey, Wisconsin—493
Grooming dance of bees—503

H

Hamilton, George V., British beekeeper—134
Harpel, Walter J.—126
Haseman, Dr. Leonard—32
Herbicide problem—186, 494
Hive, British Jumbo, bulletin—297
Dadant—244

Hive heating, system for—126
Hive stand—77, 492
Hobbyist beekeeping—458
Hodson, Gerald L.—413
Holzberlein, John W., Jr.—544
Homersham, Arthur S. (death notice)—237
Honey and Pollen Plants Committee, National Federation—33, 306
Honey advertising—450, 451, 457
beauty hint—243
children taste for first time—355
crystals, stalagmite cone of—136
farms, Texas—412
for the baker—454
gift to Princess Elizabeth—361
grading, Wisconsin standards for—493
labels—495
liquefying of—407
marketing, Washington conference on—546
plant test garden—132
price control in Great Britain—82
publicity—15, 25
selling of—460, 542
show, Durham—359
slogan for—540
small extracting unit—236
stabilized prices for—293
tips in handling—301
tupelo—81
USDA purchases of—404
who sets the price of—352
Honey crop, Canadian—355
dividend for bees—410
failure—597
totals—597
Honey plants, alfalfa—547
anise hyssop—362
bird's-foot trefoil—189
buckwheat—126
catmints—398
Chinese scholar tree—411
dragonhead—452
hairy vetch—292
Pellett clover—20
purple thistle—490
red clover—71
wafer ash—495
Honey plants for waste lands—398
for wet lands—415
nectar secretion and seed production of—239
of eastern Missouri—497
Honey production 1947—31, 193
in Louisiana—74
in Texas—135
Honeybee Monthly, Japanese publication—490
Honeymoon—539
Hyssop, anise—362

I

Insecticide, airplane dusting of 2, 4-D
banned—412
losses, recovery from—490
problem—186
relation to beekeeping—129
Instrumental insemination—190, 246, 248, 412, 595
Iowa Apiarist Report—505

J

Joor, Wm. E. (death notice)—128

K

Kendle, W. H. (death notice)—611
Kinard, W. P.—492
Knowlton, George F.—545
Koehler, F. E.—(death notice), 585

L

Lane, Elton L. (death notice)—69
Langstroth memorial meeting—183, 309, 370, 550
stamp for—611
Latham, Mrs. Allen—(death notice), 596
Lathrop, Harry (death notice)—355
Laws affecting beekeeping—31
Kentucky—307

Michigan Apiary—306
Nebraska inspection—455
 Laying workers, a sure cure for—297
 Legume seed production—292, 312
 Legumes for conservation—498
 in the Northwest—192
 Lewis Company, the G. B.—459
 Location, apiary—358
 Long life, secret may be held by queen bee—407
 Louisiana, importance of brood rearing to honey production in—74

M

Manikowske, Wallace (death notice)—304
 Martinique, beekeeping in—293
 McCarty, Andrew J. (death notice)—83
 McReynolds, C. S. (award to)—33
 Meetings and Events—29, 32, 35, 89, 91, 135, 145, 195, 201, 257, 313, 366, 417, 449, 464, 508, 552, 602
 Metress, John K., (death notice)—499
 Michigan honey advertising—457
 Migratory beekeeping—68, 492
 Miles, Virgil Seward (death notice)—353
 Miller, Rollo, Honey boy—585
 Missouri honey plants—497
 Mormon Temple, Salt Lake City—363
 Mraz, Charles—23

N

National Federation, advertising campaign—404, 450
 honey and pollen plants committee—33, 306
 meetings of—96, 447, 461, 541, 547, 602, 611
 program and purposes of—496, 543
 purposes of—594
 resolutions of—137, 193
 Nectar secretion and seed production—239
 causes of—302
 North America, beekeeping education in—500
 Northern States Bee Laboratory, fire at—83
 Nucleus compared with big colony—127

P

Package bees, experiments with—360
 installation of—194
 market for—24
 queen cage for—306
 shipment of—363, 413
 Pellett clover—20
 Perkins, Henry (death notice)—355
 Perspiration, on glasses—357
 pad—82
 preventive—194
 Plants, honey, for waste lands—398
 for wet lands—415
 nectar secretion of—302
 of eastern Missouri—497
 test garden—132
 Poems, "The Basswood Tree"—357
 Pollen gathering—503
 substitute and supplement—188
 substitute, feeding in North—242
 trapped, drying and storing—124
 Pollination, as seen by an Englishman—298
 bees declared essential for—549
 in seed production—304, 312
 need for bees in—493, 545
 of alfalfa—547
 of fruit trees—19
 of red clover—71
 Postscript—41, 95, 151, 207, 263, 319, 373, 425, 471, 520, 564, 606
 Previews of Coming Events—35, 89, 145, 201, 257, 313, 366, 417, 464, 508, 552, 602
 Price control of honey in Great Britain—82
 Price of honey, who sets the—352
 Propolis, use for—350
 Puerto Rican Beekeeping—128
 Pure Food and Drug Act—247
 Purple thistle for honey—490

Q

Queen bee, artificial insemination of—190, 246, 248, 412, 595
 by airmail to Canada—503
 failing of—407
 importance of—349
 market for—24
 secret of long life—407
 Queen cage for packages—306
 Queen rearing at home—503

R

Radio Advertising of Honey—593
 Rauchfuss, Herman (death notice)—73
 Red clover, pollination of—71

Reviews of Books

"A Man and His Bees"—193
 "American Beekeeping Methods"—293
 "Bee Keeping"—189
 "Down Among the Bee Folk"—189
 "Dronie"—297
 "L'elevage des Reines"—299
 "New Greek Text Book"—249
 "Plants and Beekeeping"—490
 "Stingless Bees of the Western Hemisphere"—414
 "Success with Wild Flowers"—361
 "Swarm Control Survey"—299
 "The Bee Community"—299
 "The Spell of the Bee"—299
 "The Ventilation of Beehives"—128
 Rhode Island, beekeeping in—461

S

Scholar tree, Chinese—411
 Schumacher, H. (death notice)—593
 Scotland, beekeeping in—185
 Sioux Honey Association—403
 Smoker, insulating board as fuel for—361
 Snyder, Frank Chapman (death notice)—304
 Sodium fluoride, effect on bees—138
 Spray problem—186
 Spraying, airplane, of 2, 4-D banned—412
 DDT for—28
 Starkey, James E. (death notice)—313, 354
 Starkey, James E.—504
 Stinging, relation of laden bees to—350
 Sugar tax refund—193
 Sulfathiazole, experimental feeding of—503
 rational basis for use of—128
 treatment of AFB—16, 18, 32, 70, 446, 534
 Super springs hold frames—537
 Swarm—308
 Swarm control plan—241, 245

T

Tennessee, beekeeping in—402
 Texas honey farms—412
 honey production—135
 Thistle, purple, for honey—490
 Tomlinson, Florence K.—357
 Trefoil, bird's-foot—189
 Truck, starting the—490
 Tupelo honey—81
 Two-queen system—243

V

Vetch, hairy—292

W

Wafer ash—495
 Washington conference on honey marketing—546
 Watson, Lloyd R. and instrumental insemination—248
 (death notice)—180
 Wax moth, control of—448
 Webster, Marvin—447
 Weed control, spraying for—186, 494
 Wild India bees—249
 Wilson, H. F.—362
 Winter beekeeping work—69
 Winter packing—457
 Wintering bees—400, 502, 540, 596
 candy for—77
 cost of—491, 586
 what causes good wintering—307
 Wiring frames—81, 294
 Wisconsin honey standards—493
 Workers, laying, a sure cure for—297
 Workers mating—305

CONTRIBUTORS

A

Ahlgren, Gilbert H.—192
 Arnold, Frank R.—23
 Atkins, M. D.—498

B

Ball, Franklin W.—82
 Bea, E. F.—81, 82, 83, 194, 414, 494
 Beardsley, Roswell H.—134
 Bell, W. Leroy—349
 Bessonnet, E. C.—184
 Biemann, August P.—411, 495, 497

Braun, Ed—72

Bright, Tom—350
 Brown, Arthur C.—296
 Burt, John D.—309

C

Cale, G. H.—70, 491, 534
 Cale, G. H., Jr.—26
 Campbell, A. Niven—185
 Card, Wendell T.—453
 Carlson, C. Fred—erick—308
 Carruthers, A.—242
 Clay, Harold J.—352

D

Dadant, M. G. (Crop and Market)—39, 93, 149, 205, 261, 317, 375, 427, 469, 513, 559, 612
 Dadant, R. H.—29
 Daulton, Keith C.—537
 de Wolfe, M. J.—357
 Diehnelt, Walter—502
 Diemer, Guy—403

E

Eaves, Dene—68, 460
 Eckert, J. E.—129, 584
 Ekblad, Paul—537

F

Farrar, C. L.—190
 Farrar, Nancy—405
 Foster, Mark—301

G

Gamble, Reginald—298
 Gates, A. H.—243
 Gillum, Frances R.—356
 Gooderham, C. B.—304
 Gouget, Charles W.—236, 408
 Griggs, Russell L.—71
 Grout, Roy A.—544, 546, 582
 Gruhzt, O. M.—293

H

Hambleton, J. I.—25, 180
 Hanlan, Mrs. Roy M.—135
 Haseman, Leonard—446
 Hatch, John W.—457
 Hemenway, H. C.—297
 Hernandez, Elias—128
 Hodson, A. E.—81
 Holzerlein, John W., Jr.—295

J

Jones, Glenn O.—33, 450, 596, 543, 594

K

Kelty, R. H.—457
 Killion, Carl E.—126, 597
 Kinard, W. P.—452

L

Laidlaw, Harry—197
 Langley, Clarence C.—80, 351
 Latham, Allen—499
 Lovell, Harvey B.—302
 Lucey, Rev.—24
 Luer, Mrs. Harry—494
 Lysne, Julius—194

M

Mackensen, Otto—196, 412
 MacNeill, P. W.—490
 Manley, R. O. B.—305
 McClagherty, J. Kyle—415

McGregor, S. E.—195, 585
 Mead, Robert M.—358, 538
 Miller, E. S.—241, 406, 448
 Milum, V. G.—500, 503
 Misener, Harley A.—492
 Mohr, Puis P.—77
 Morris, Benjamin F.—545
 Munzos, Orlando—456

N

Nagel, George C.—451, 461, 541, 611
 Nolan, W. J.—182

O

Oertel, E.—74

P

Paddock, F. B. 186
 Park, O. W.—196, 248
 Pearson, Orill L.—402
 Pease, C. H.—586
 Pellett, Frank C.—20, 132, 244, 393, 415, 452, 490, 588
 Pellett, Frank C. (Postscript)—41, 95, 151, 207, 263, 319, 373, 425, 471, 520, 564, 608
 Phillips, E. F.—181, 309, 550

R

Racine, Bruno—360
 Rea, George H.—370
 Reynolds, Clifton G.—136
 Rhamlow, H. J.—540
 Roberts, W. C.—196
 Rock, Howard J.—18, 245, 400
 Rothenbuhler, W. C.—248

S

Saunders, Claude—77
 Scholes, David—293
 Shaw, F. R.—183, 550
 Shephard, Laura—293
 Smith, C. M.—590
 Starnes, Harry T.—127, 247, 407, 490
 Stephen, W. A.—294
 Sterz, A. Hugo—350, 353
 Strange, Carl D.—361
 Stricker, Milton H.—16, 401, 458
 Sturdevant, J. H.—410

V

van Rossum, A. J.—407
 Vansell, G. H.—585
 Vorhies, C. T.—195
 Vreeland, C. D.—138

W

Walker, C. R.—501
 Watson, Lloyd R.—246
 Wells, T. J.—19, 292, 542
 West, M. C.—584
 Whitman, Oscar H.—596
 Willson, R. B.—454
 Woodrow, A. W.—124
 Wykes, Gwenyth—346